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Junior Engineers Exam Plan 2012

APPENDIX-I PLAN OF EXAMINATION

1. The Examination shall be conducted according to the following plan:-

Part I—The written Examination will comprise two sections—Section I consisting only of objective types of questions and Section II of conventional papers. Both Sections will cover the entire syllabus of the relevant engineering disciplines viz. Civil Engineering, Mechanical Engineering, Electrical Engineering and Electronics & Telecommunication Engineering. The standard and syllabi prescribed for these papers are given in Schedule to the Appendix. The details of the written Examination i.e. subject, duration and maximum marks allotted to each subject are given in para 2 below.

Part II—Personality test carrying a maximum of 200 marks of such of the candidates who qualify on the basis of the written examination.

2. The following will be the subjects for the written examination:-

CATEGORY I CIVIL ENGINEERING

Subject	Duration	Maximum Marks
Section I- Objective Papers		
General Ability Test (Part A: General English) (Part B: General Studies)	2 hrs.	200

Civil Engineering - Paper I 2 hrs. 200

Civil Engineering - Paper II 2 hrs. 200

Section II- Conventional Papers

Civil Engineering - Paper I 3 hrs. 200

Civil Engineering - Paper II 3 hrs. 200

TOTAL 1000

CATEGORY II MECHANICAL ENGINEERING

Subject	Duration	Maximum Marks
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Section I- Objective Papers

General Ability Test (Part A: General English) (Part B: General Studies)

Mechanical Engineering - Paper I 2 hrs. 200

Mechanical Engineering - Paper II 2 hrs. 200

Mechanical Engineering - Paper II 2 hrs. 200

Section II- Conventional Papers

Mechanical Engineering - Paper I 3 hrs. 200

Mechanical Engineering - Paper II 3 hrs. 200

Mechanical Engineering - Paper II 3 hrs. 200

TOTAL 1000

CATEGORY III ELECTRICAL ENGINEERING

Subject	Duration	Maximum Marks
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Section I- Objective Papers

General Ability Test (Part A: General English) (Part B: General Studies)

Electrical Engineering Paper I 2 hrs. 200

Electrical Engineering - Paper II 2 hrs. 200

Electrical Engineering - Paper II 2 hrs. 200

Section II- Conventional Papers

Electrical Engineering - Paper I 3 hrs. 200

Electrical Engineering - Paper II 3 hrs. 200

TOTAL 1000

CATEGORY IV ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Subject	Duration	Maximum Marks
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Section I- Objective Papers

General Ability Test (Part A: General English) (Part B: General Studies)

Electronics & Telecommunication Engineering - 2 hrs. 200

Electronics & Telecommunication Engineering - 2 hrs. 200

Electronics & Telecommunication Engineering - 2 hrs. 200

Electronics & Telecommunication Engineering - 2 hrs. 200

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Electronics & Telecommunication Engineering - 2 hrs. 200

Electronics & Telecommunication Engineering - 2 hrs. 200

munication Engineering - 3 hrs. 200
Paper II

TOTAL 1000

NOTE : Candidates are advised to read carefully special instructions to candidates for conventional type tests and objective type tests given in Appendix-III (Part A & Part B) including the procedure regarding filling in the Answer Sheet of objective type tests in the Examination Hall.

3. In the Personality Test special attention will be paid to assessing the candidate's capacity for leadership, initiative and intellectual curiosity, tact and other social qualities, mental and physical energy, powers of practical application and integrity of character.

4. Conventional papers must be answered in English. Question papers will be set in English only.

5. Candidates must write the papers in their own hand. In no circumstances will they be allowed the help of a scribe to write the answers for them. However, an extra time of twenty minutes per hour shall be permitted for the candidates with locomotor disability/cerebral palsy where dominant (writing) extremity is affected to the extent of slowing the performance of function (minimum of 40% impairment) in the conventional type paper.

6. The Commission have discretion to fix minimum qualifying marks in any or all the papers of the examination. The Objective Type papers as contained in Section-I of the Plan of the Examination will be evaluated first and evaluation of the Conventional Type Papers contained in Section-II of the Plan of Examination will

be done only of those candidates who obtain the minimum qualifying marks in Objective Types Papers, as fixed by the Commission.

7. Marks will not be allotted for mere superficial knowledge.

8. Deduction upto 5 per cent of the maximum marks for the written papers will be made for illegible handwriting.

9. Credit will be given for orderly, effective and exact expression combined with due economy of words in the conventional papers of the Examination.

10. In the question papers, wherever required, SI units will be used.

NOTE: Candidates will be supplied with standard tables/charts in SI units in the Examination hall for reference purpose, wherever considered necessary.

11. Candidates are permitted to bring and use battery operated pocket calculators for conventional (essay) type papers only. Loaning or inter-changing of calculators in the Examination hall is not permitted.

It is also important to note that candidates are not permitted to use calculators for answering Objective Type Paper (Test book lets). They should not, therefore, bring the same inside the Examination Hall.

12. Candidates should use only International form of Indian numerals (e.g. 1,2,3,4,5,6 etc.) while answering question papers.